

ILLINOIS WEATHER & CROPS



Illinois Department of Agriculture
STATISTICAL REPORTING SERVICE USDA
Box 429 Springfield, Illinois 62705
Phone: (217) 492-4295



ILLINOIS STATE WATER SURVEY

Illinois Department
of Energy and Natural Resources
Box 5050, Station A
Champaign, Illinois 61820
Phone: (217) 333-4621



RELEASED: AUGUST 13, 1984, 3 P.M., CDT

VOL.5, NO.22

CROPS & LIVESTOCK

Hot and dry weather continued across the State as only isolated areas in the North and Southwest received beneficial amounts of rain. Statewide, the percentage of corn reported as good or excellent declined to 72% from 84% a week earlier. Soybeans reported as good or excellent declined to 62% from 66%.

Sixty percent of the CORN acreage was in the dough stage on August 12, compared to 58% last year and the 5-year average (1979-83) of 66%. Thirteen percent was dented, compared to 14% last year and the average of 24%. The condition on Friday, August 10, was 15% excellent, 57% good, 24% fair, and 4% poor.

SOYBEANS were 94% blooming on Sunday, August 12, compared to 94% last year and the average of 92%. Sixty-six percent of the crop was setting pods, compared to last year's 68% and the average of 68%. Condition as of Friday, August 10, was 7% excellent, 55% good, 36% fair, and 2% poor.

OATS were 95% harvested by August 12, compared to 98% last year and the average of 97%.

The third crop of ALFALFA HAY was 41% cut, compared to 34% for last year and the average. Alfalfa condition as of August 10 was 6% excellent, 57% good, 30% fair, and 7% poor.

PASTURE condition was 2% excellent, 26% good, 43% fair, and 29% poor as of August 10.

SOIL MOISTURE on August 10 was reported to be 18% adequate and 82% short.

There were 6.5 DAYS suitable for FIELDWORK for the week ending Friday, August 10.

WEATHER

TEMPERATURES for the week of August 6 to 12 averaged from near 75 degrees northeast to around 80 degrees for the remainder of Illinois. The temperatures averaged near normal over Northeast and Southwest Illinois to 3 to 8 degrees above normal for the remainder of Illinois. Seasonal or higher than normal temperatures and humidities prevailed across most of Illinois from August 6 to 10; some cooling, especially in Northern Illinois occurred on August 11 and 12.

PRECIPITATION across Illinois remained spotty from August 6 to 12. West-central Illinois received little or no rain, or nearly an inch below normal and almost 2 inches below normal for the month. Extreme Northern Illinois, parts of East-Central and Southwest Illinois received locally heavy amounts (0.75 inch or greater) at some locations. Otherwise, rain amounts were less than 0.5 inch or 0.2 to nearly an inch below normal.

The OUTLOOK for the week of August 14-20 calls for above normal temperatures across the State. Precipitation is expected to be below normal.

JULY WEATHER SUMMARY

Average monthly TEMPERATURES ranged from 1 to 4 degrees below normal throughout the State. The Northwest and Northeast Districts had the largest below normal variation (2.7 degrees below normal). Temperatures started below normal, but by the second week they went above normal until the fourth week. By the end of the month, readings once again fell below normal. For the second straight month, maximum temperatures climbed near the 100-degree mark in most sections during part of the month. Also, several new minimum readings were set in several areas during the month (mainly during the last week).

PRECIPITATION was below normal in the northern third and also in the southern third. The remaining areas of the State was mostly above normal. The West District had the largest above normal variation while the largest below normal variation was in the East-Southeast District. There were a few areas, mainly in the South, which recorded less than 0.50 of an inch of rain. During the first week, scattered areas in the South received 1 to 5 inches of rain. In the second week 2 inches were recorded in the northern areas. The third week brought 1 to 2 inches of rain to scattered areas. Moderate to heavy rains fell during the fourth week.

ILLINOIS CROP REPORTING DISTRICT SUMMARY

	NW	NE	W	C	E	WSW	ESE	SW	SE	STATE	5-YR. AVG.
As of August 12											
Soybeans: % blooming	97	95	90	99	98	94	94	88	86	94	92
Alfalfa: % 3rd crop cut	34	36	33	48	50	40	50	74	54	41	34
Week ending August 10											
/s Suitable for fieldwork:	6.5	6.0	7.0	6.5	6.0	7.0	6.0	6.5	6.5	6.5	
Soil Moisture %:											
Short	70	90	75	85	80	90	75	95	100	82	
Adequate	30	10	25	15	20	10	25	5	0	18	
Surplus	0	0	0	0	0	0	0	0	0	0	

CROP INFORMATION in this report is provided voluntarily by county officials of Extension Service and SCS, and agribusiness managers.

Additional WEATHER INFORMATION is provided by Midwest Agr. Weather Serv. Ctr. (W. Lafayette, Ind.) and National Weather Service Cooperative Observers.

NEWSPAPER TIME VALUE

Illinois Weather & Crops
August 13, 1984

Illinois Weather & Crops is published weekly April-November, except 2 times the second week of June, monthly December-March, by the Illinois Department of Agriculture, Illinois Cooperative Crop Reporting Service, R54, Department of Agriculture Bldg., 801 Sangamon Avenue, Springfield, IL 62706. For information on subscribing, send request to the above address. Application to mail at second-class postage rates is pending at Springfield Ill. Postmaster: Send Address Change to Illinois Weather & Crops, P.O. Box 429, Springfield, IL 62705.

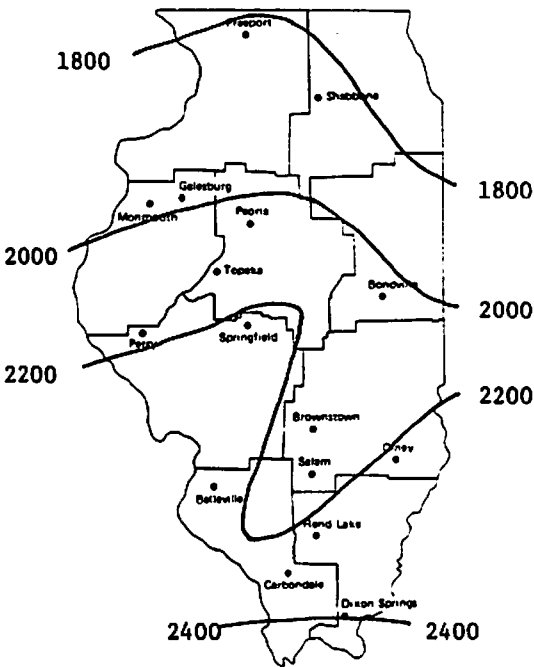
PRELIMINARY DISTRICT PRECIPITATION AVERAGES AND DEPARTURES FROM NORMAL IN INCHES

	NW	NE	W	C	E	WSW	ESE	SW	SE
ly	3.01	2.50	4.66	3.84	3.24	2.09	1.41	3.10	2.04
Departure	-0.34	-0.52	+1.19	+0.69	+0.34	-1.10	-1.58	-0.55	-1.59

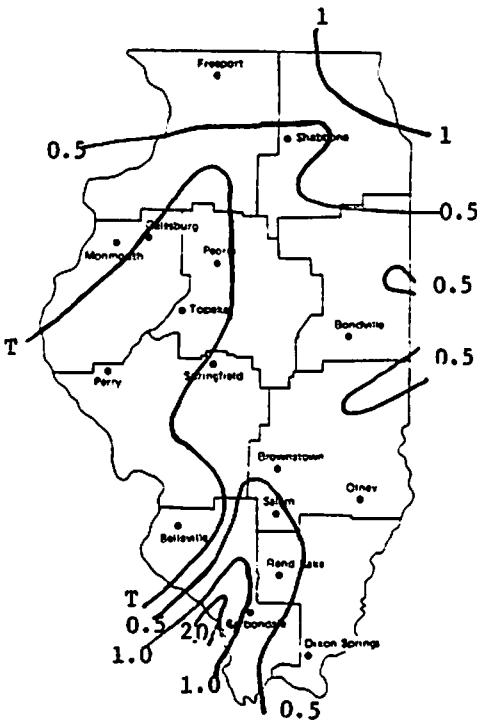
Week ending Sunday, August 12, 1984

Location	Temperatures			Precipitation			Soil Moisture 1/	
	Maxi- mum	Mini- mum	Depar- ture	Current week	Since May 1	Departure since May 1	Inches water: 0-40 in.	Change from prev. reading
Freeport	95	55	5	0.87	13.14	-0.22	13.4	-0.51
Paw Paw	95	54	2	0.26	10.47	-2.82	12.4	-1.97
Antioch	92	50	-1	1.36	12.33	-0.60	12.4	-1.97
Galesburg	92	63	6	0	12.98	-2.14	14.6	-0.87
Walnut	99	60	7	0.06	13.49	0.20	12.4	-1.97
Mason City	93	59	4	0.05	13.01	0.67	13.2	+0.61
Princeville	97	55	3	0.61	12.34	-1.01	12.4	-1.56
Kankakee	95	63	8	0.05	9.01	-5.22	12.4	-1.56
Jacksonville	96	67	7	0	12.71	0.37	13.6	-1.52
Pana	95	63	6	0.03	9.75	-4.73	16.1	-0.92
Urbana	92	62	5	0.05	13.49	-0.24	13.4	+0.09
Carlinville	98	63	6	0	11.69	-1.48	13.6	-1.52
Effingham	96	66	6	0.32	6.46	-7.47	9.8	-6.14
Lawrenceville	91	68	5	0	11.97	-2.89	9.8	-6.14
Belleville	98	68	6	0	6.85	-5.35	10.4	-3.40
Carlyle	100	64	4	0.82	6.31	-7.04	10.4	-4.90
McLeansboro	95	69	4	0	5.04	-8.58	11.9	-3.26
Kaskaskia	98	64	4	2.15	9.21	-4.50	10.1	-3.30
Dixon Springs	90	64	2	0.27	13.74	0.12	15.0	+0.23

1/ Soil moisture is based on reading from closest soil moisture observation. Readings taken semi-monthly.
appx. 1.3 August 15.



GROWING DEGREE DAYS
FROM MAY 1 TO
AUGUST 12



PRECIPITATION FOR
WEEK ENDING
AUGUST 12